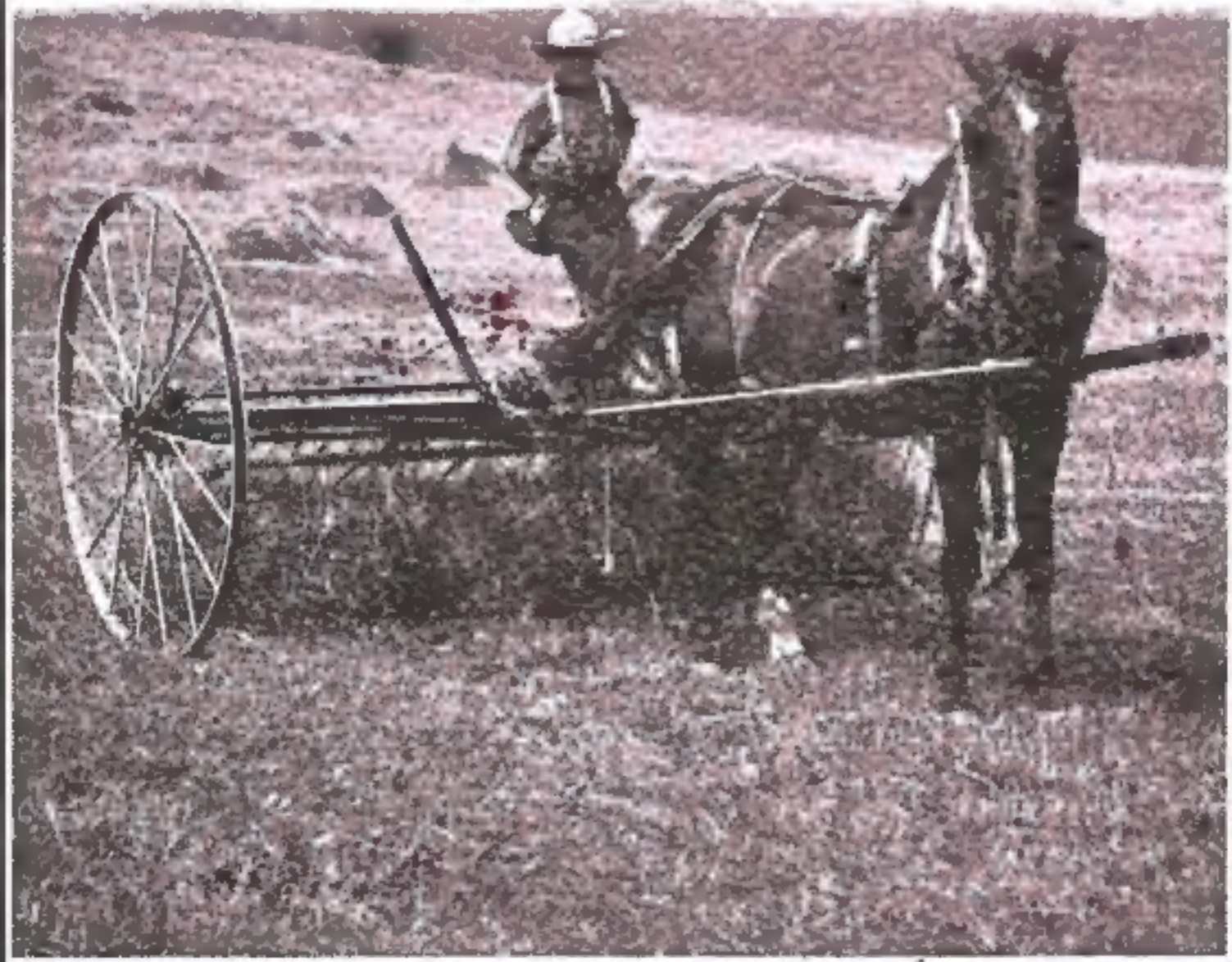
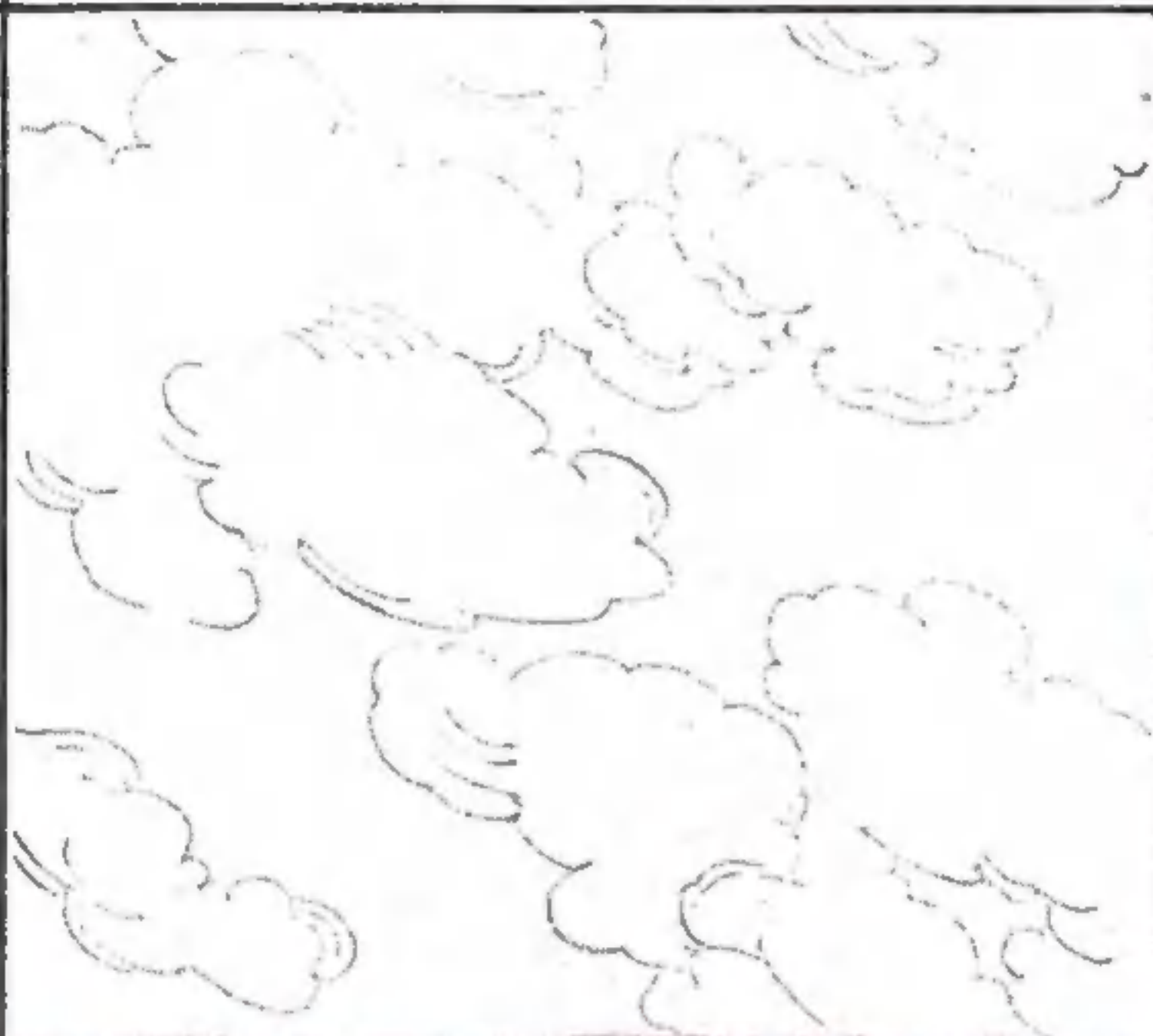


# JOHNSTON

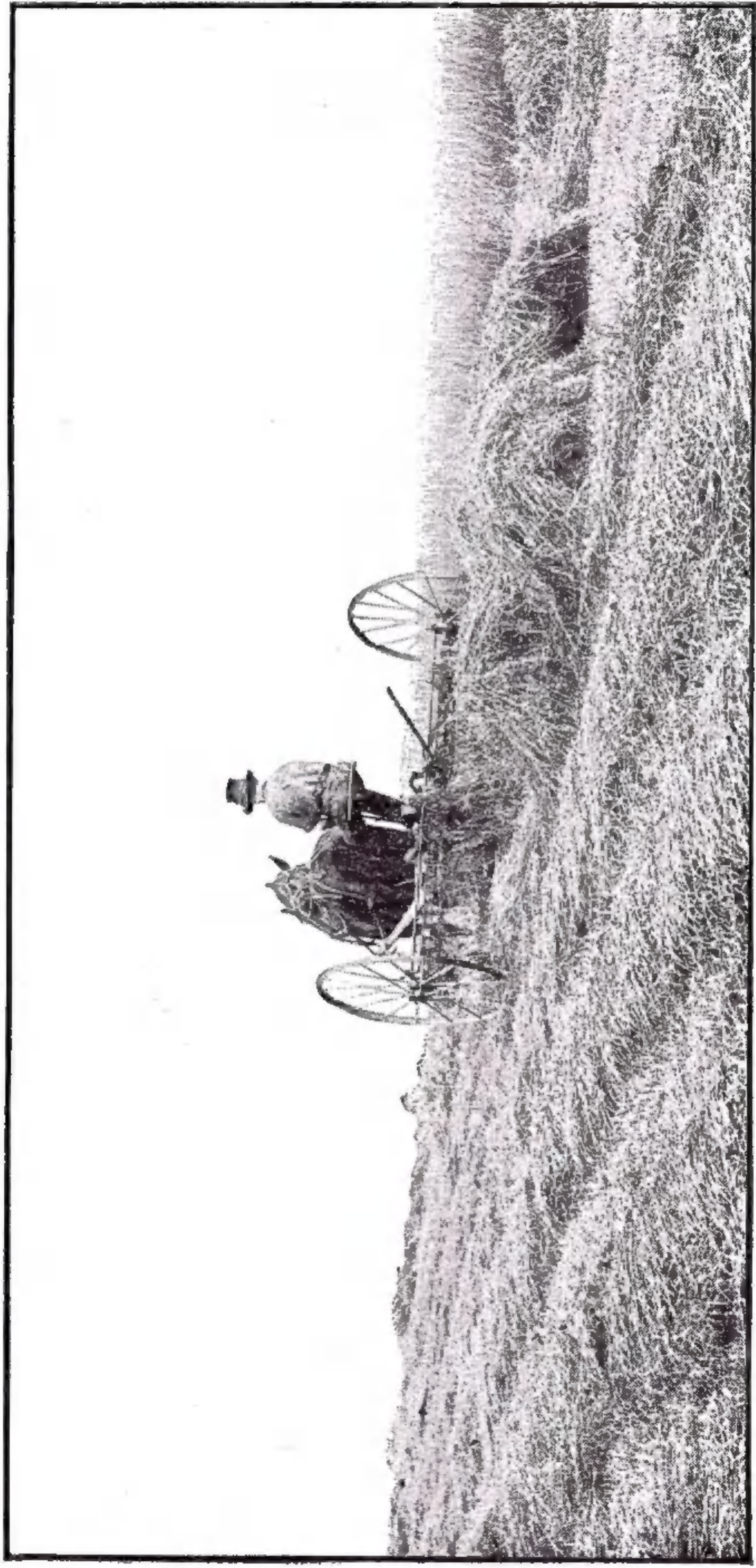
## STEEL RAKES



MANUFACTURED BY  
**THE JOHNSTON HARVESTER CO.**  
BATAVIA, N.Y., U.S.A.



## THE JOHNSTON STEEL RAKE IN THE FIELD



No crop too heavy or too light for the Johnston



## JOHNSTON STEEL RAKES

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**I**n the purchase of a rake you will want your whole money's worth of rake quality. A rake that has made good in the past and one that will make good on your work. A rake that will last—do its work (not continuously breaking down) easy to work—easy to draw. Or a rake that will catch all the grasses and make it easy to handle—one that will dump and return quickly—or convenient levers—stands the strain on rough ground.

If you want such a rake you will get it in the Johnston Steel Rake.

It is true that many hay rakes look a great deal alike and are alike but the Johnston Steel Rake is distinctive and is very much different in a great many different ways.

When you get a Johnston you know that underneath the bright paint there is quality in the material—that every part has been made with the greatest care and tested for results—and that when the rake goes into the field you will get results.

**THE JOHNSTON HARVESTER CO.**

**BATAVIA, NEW YORK**

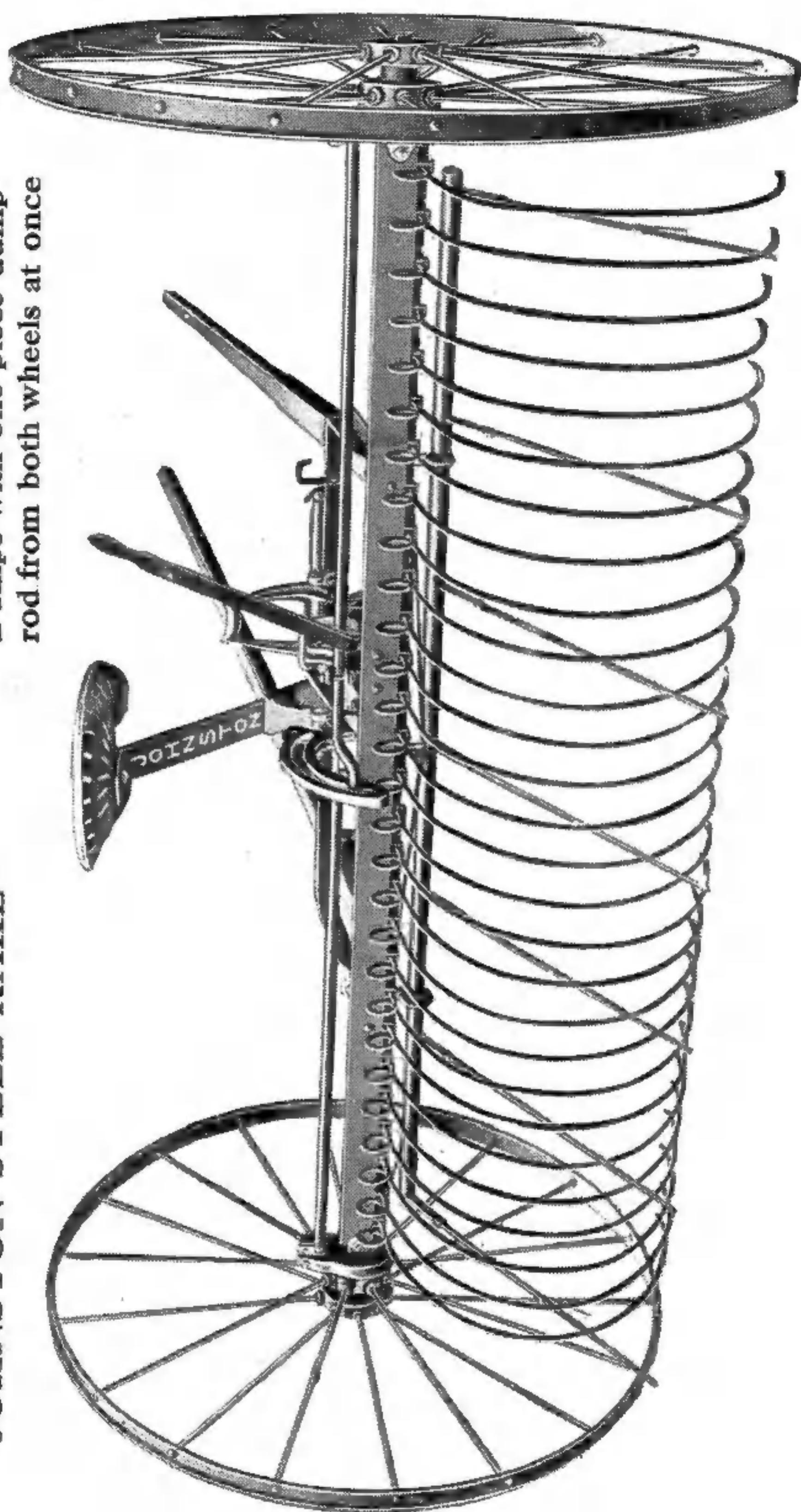
**U. S. A.**

# JOHNSTON STEEL RAKES

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## JOHNSTON STEEL RAKE

Dumps with one-piece dump-rod from both wheels at once



All steel but the combination pole and shafts.

Double-hub steel wheels.

Angle-steel frame, steel-trussed.

Angle-steel rake-head, steel-trussed.

Long, flat-pointed teeth.

Teeth interchangeable.

Separate holders for the teeth.

Steel cleaners, bolted—not riveted.

One-piece dump-rod.

Levers on right-hand side.

Trip ratchet plate, adjustable for fast or slow walking horses.

Steel seat, with steel support.

Comfortable, convenient, easy to operate.

Does clean work.

Has even draft.

Economical and durable.

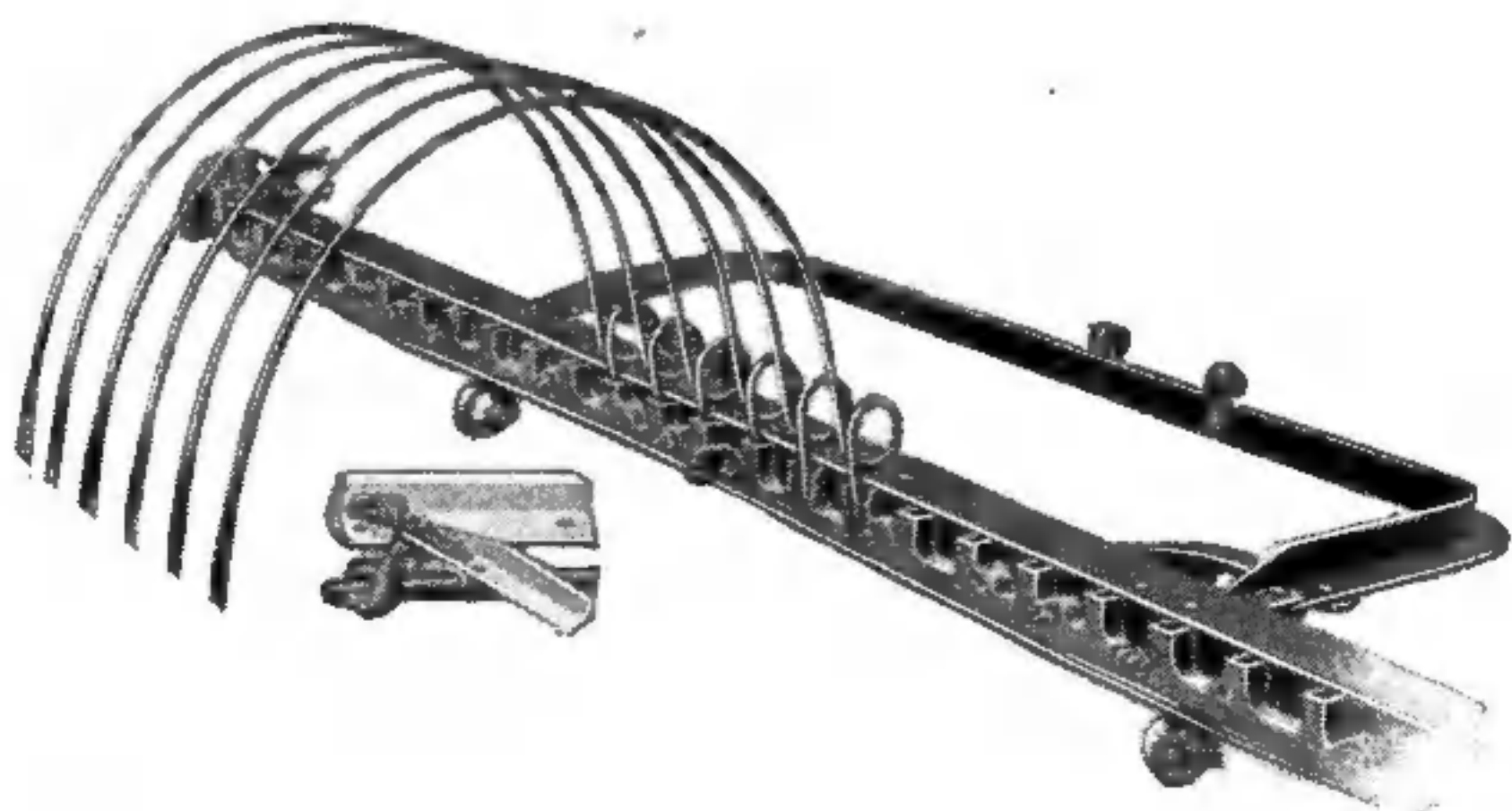
Made in five sizes. See page 8.



The rake-head is the most important part of the machine. It bears most of the weight and nearly all of the strain. Strength and stiffness must be in it or the rake will be no good. The Johnston rake-head is a special steel angle, size 3 x 3 x  $\frac{5}{16}$ , steel-trussed, to prevent sagging and twisting.

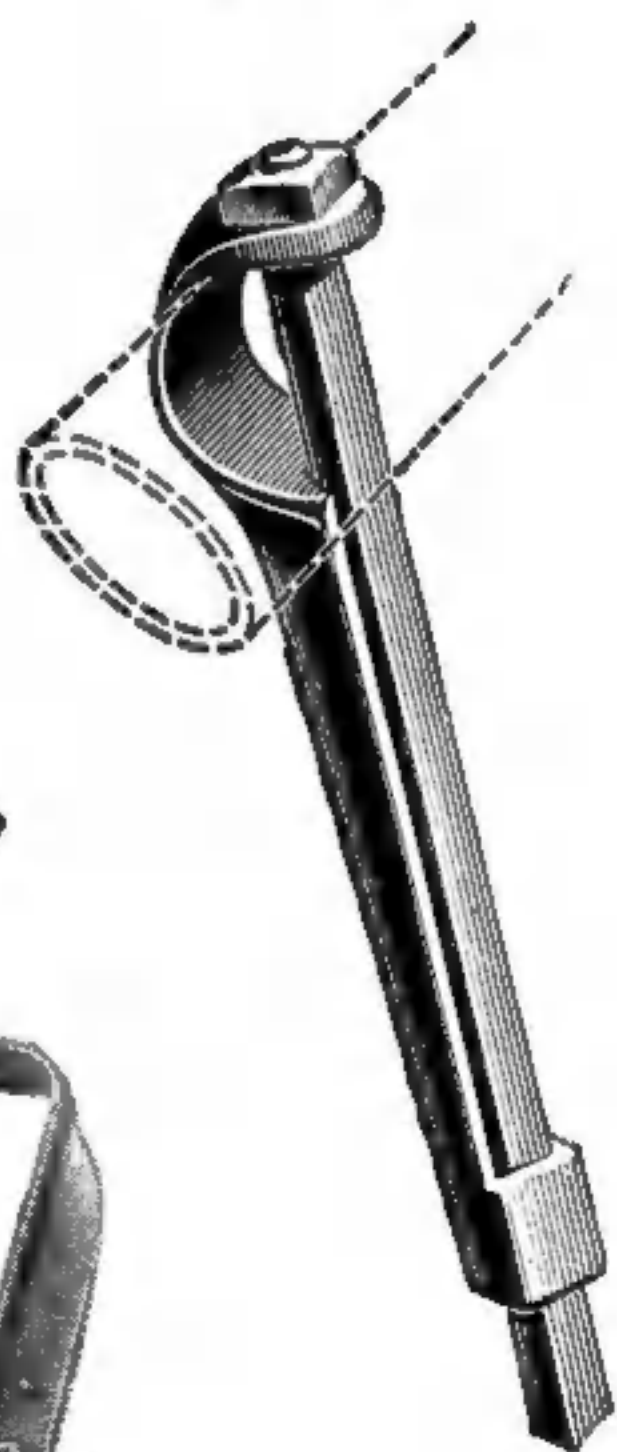
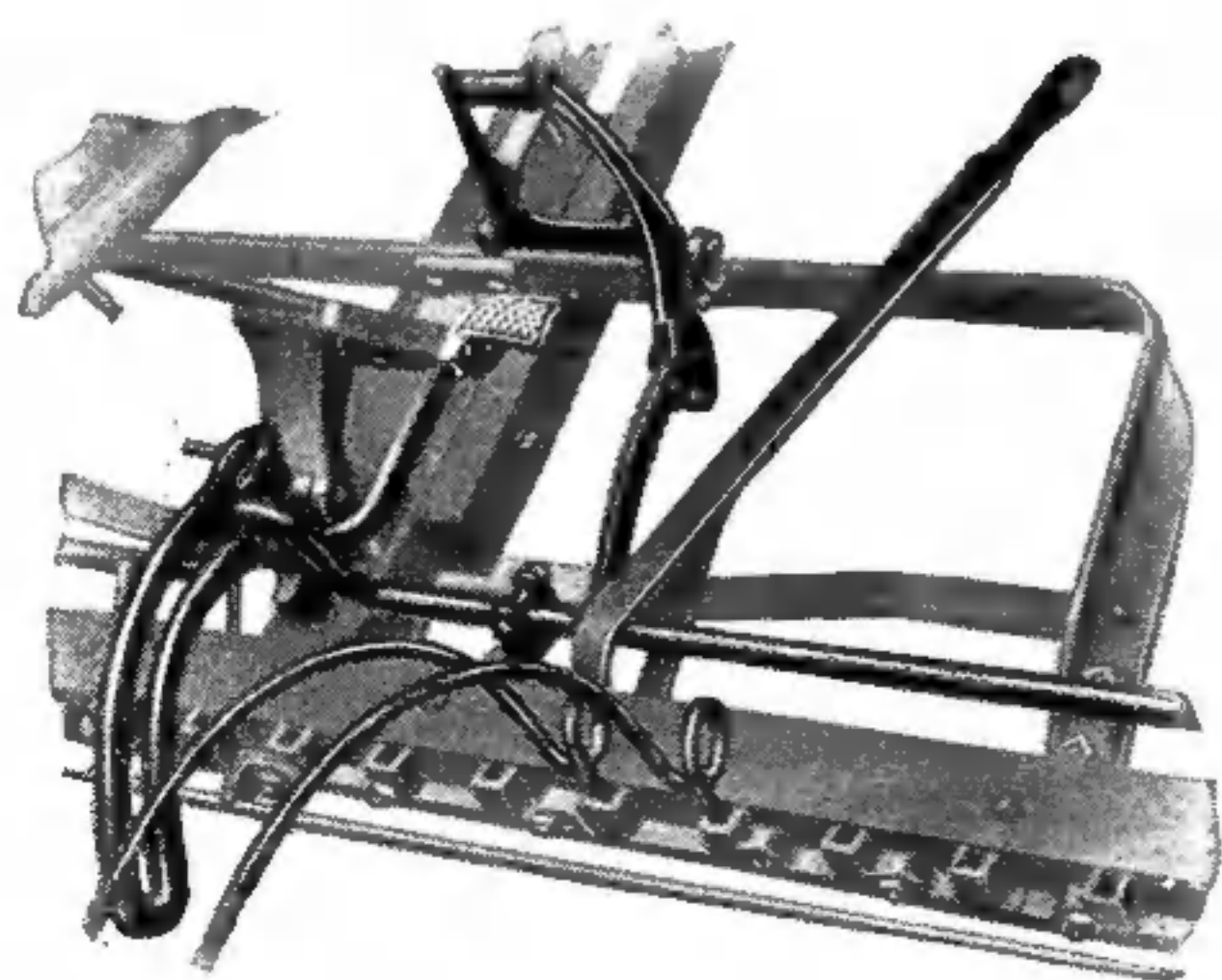
The main frame, also, is angle steel, trussed and securely fastened to the head by strong hinged connections that work freely.

The tooth-holders are bolted to under side of rake-head, in sections, and are replaced cheaply. The teeth lay in these holders, with the bent ends all one way. The teeth are interchangeable. They are made of special steel and never sag. They are long and flat-pointed, and clean the ground without digging into it. They hang low and have free action. They lift high when working and are securely fastened to the seat when on the road.

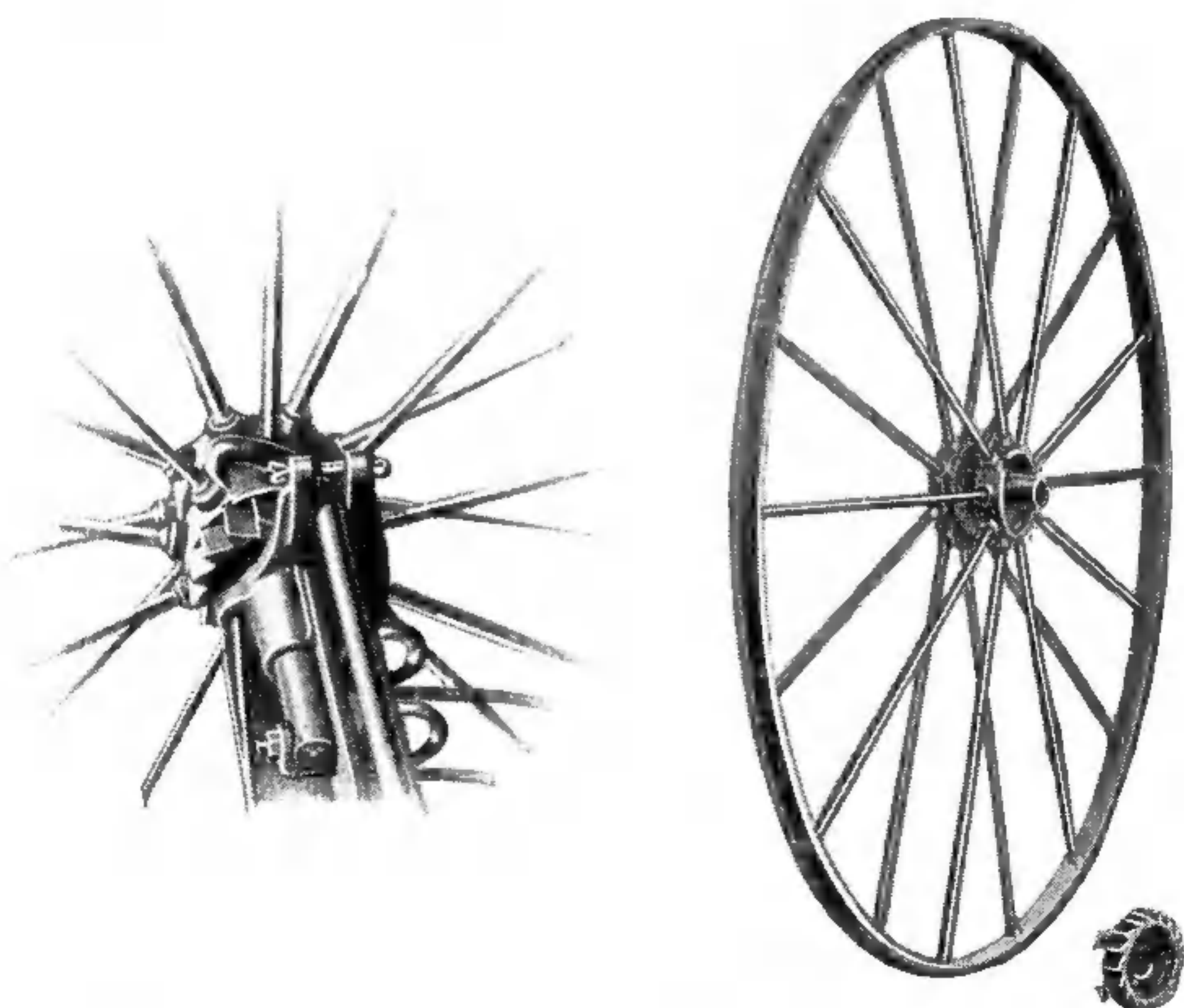


The cleaner-rods are solid steel, threaded one end and fastened to steel pipe support by a nut—not riveted. Reinforced by malleable stiffeners. The natural weight of the cleaners packs the hay as the teeth fill up; this keeps the hay from rolling. Pressure on the cleaner foot lever makes larger windrows and bunches them when desired. All levers, except foot-lever for cleaners, are on the right hand side, the only proper place for them. They give perfect control. The Johnston dumps with a one piece dump rod, from both wheels at once, making the rake draw evenly.

An adjustable ratchet-plate, at the farthest point on the trip-link, keeps the rake from tripping too quickly when fast walking horses are used. It also increases the capacity and allows making larger windrows. At the short adjustment of the plate the rake trips quickly. This is an advantage with a slow-walking horse or when going down hill.



No "dish" to our steel wheels. They are made to stand up on the roughest ground. They have a double cast hub with round, staggered spokes. These support the tire from two directions. The tires are wide, made of channel steel, with the concave side out. Gives greater power. The wheels are interchangeable, without the ratchets. These are bolted to the wheels and are easily replaced when broken or worn. The wheel axles are securely fastened to the head in such manner that the latter is always in balance when dumping. In other words, when lever is released, the head returns quickly to position, of its own weight and the weight of the driver.



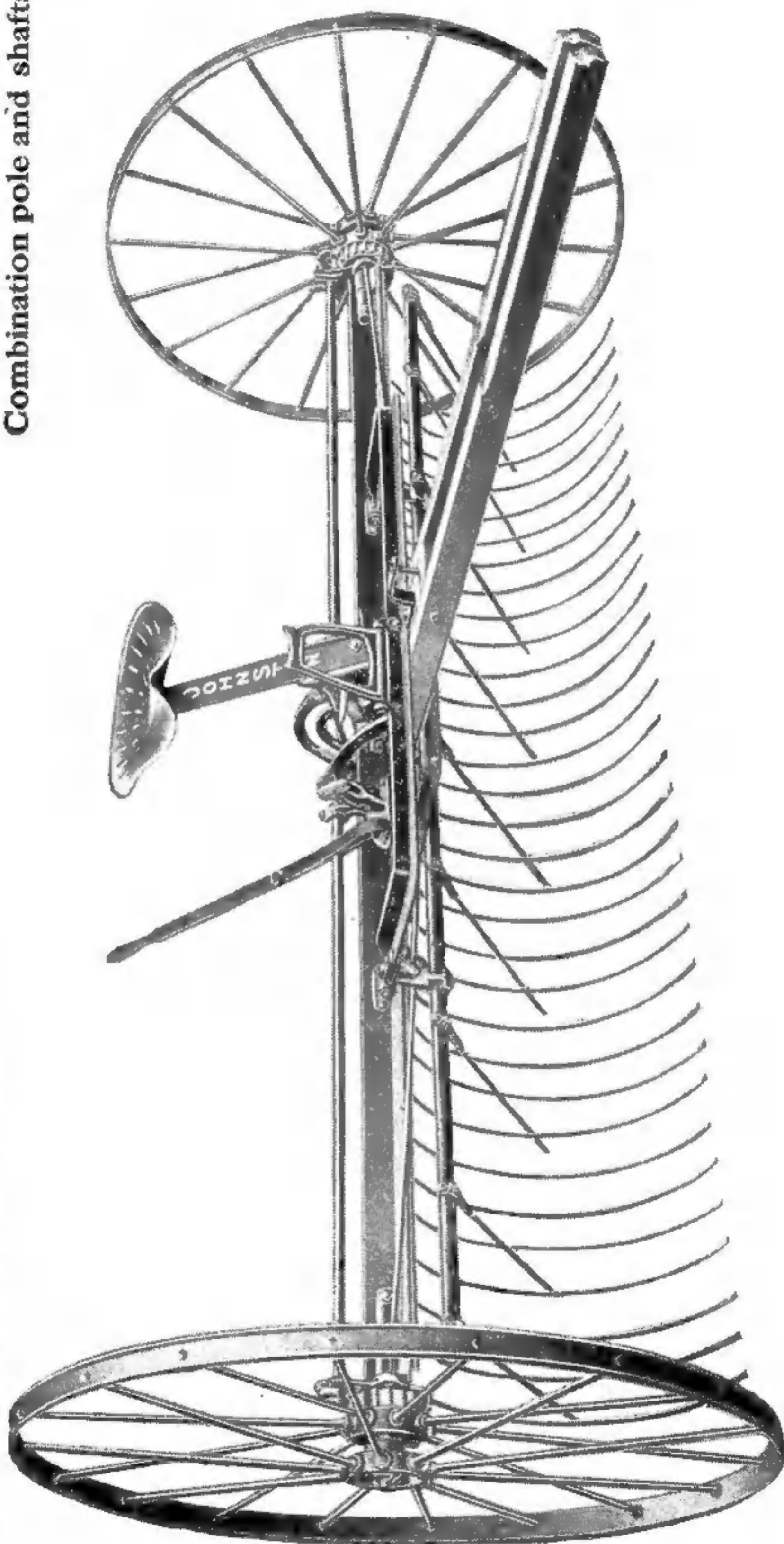


# JOHNSTON STEEL RAKES

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## JOHNSTON STEEL RAKE

10½ feet, with 32 teeth.  
Combination pole and shafts



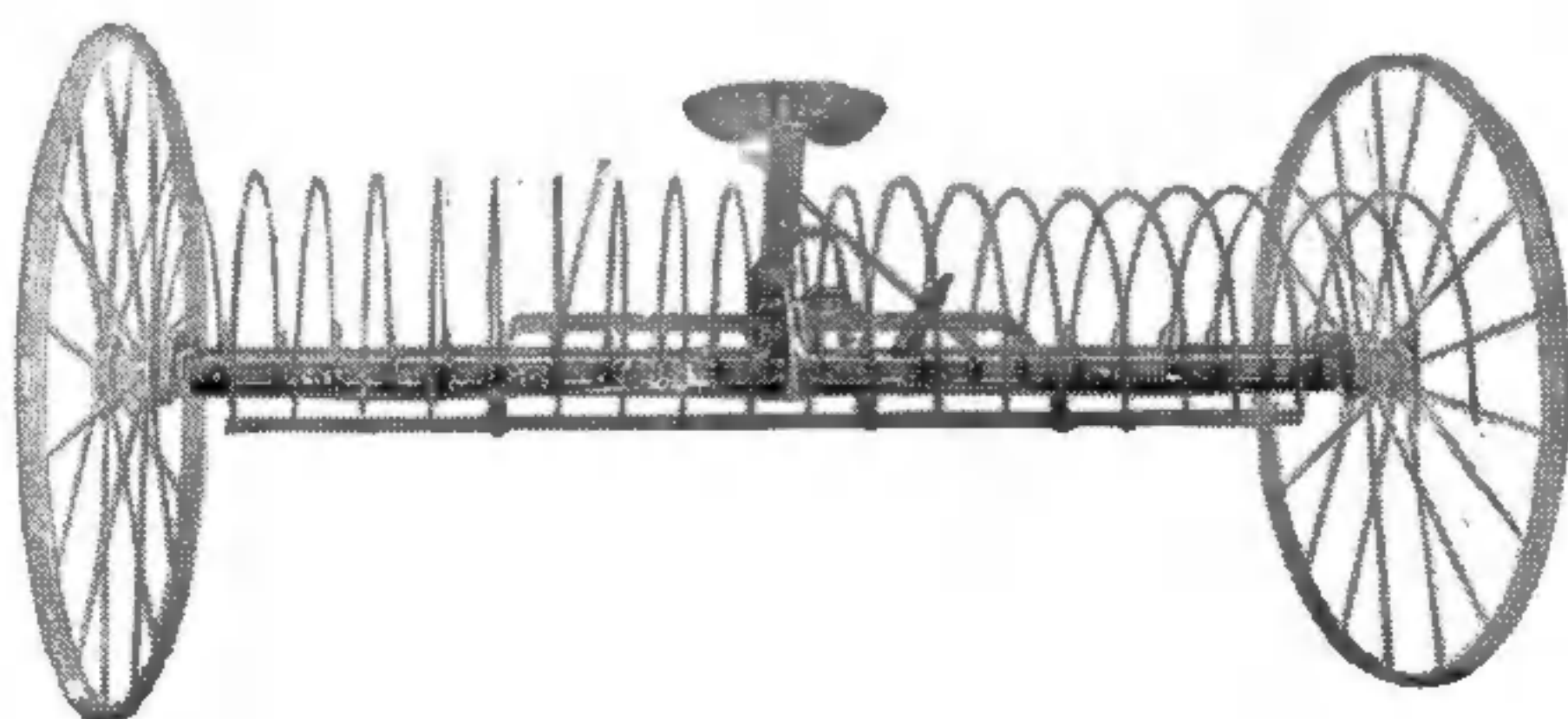
# JOHNSTON STEEL RAKES

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The Johnston Steel Rake ready for the road to and from the fields. A lever and locking latch is provided to hold the teeth up out of the way.

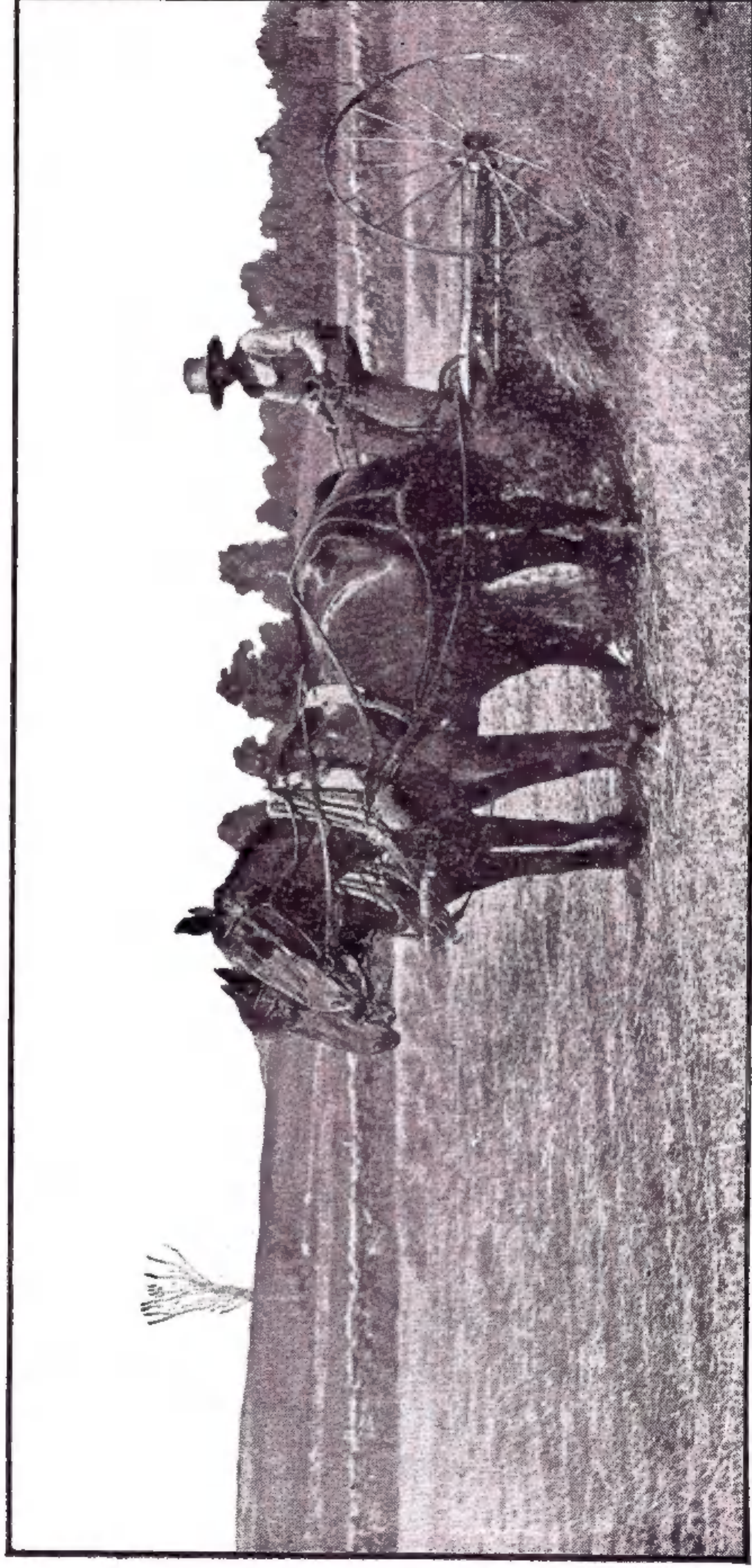
## SIZES

8 feet . . . . .	with 24 teeth
9 feet . . . . .	with 22 or 28 teeth
10½ feet . . . . .	with 32 teeth
12 feet . . . . .	with 38 teeth





## THE JOHNSTON IN THE FIELD

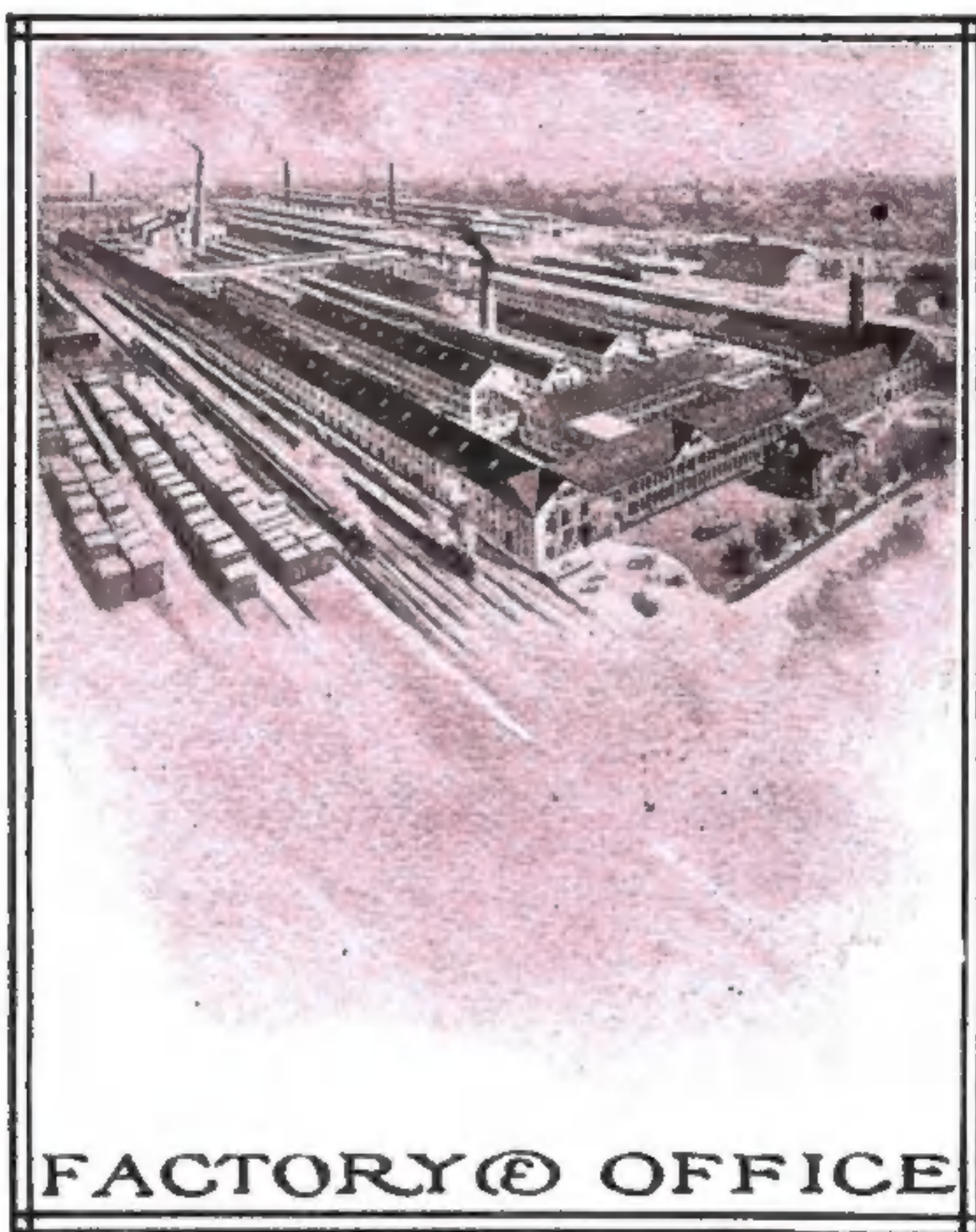


It's the Field Test that Tells



# JOHNSTON

GRAIN BINDERS  
MOWERS, RAKES  
TEDDERS, REAPERS  
CORN BINDERS  
DISK HARROWS



FACTORY & OFFICE

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Elma NY USA

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